

from the point of selection to the test facility. If the test facility is not located at or in close proximity to the point of selection, the manufacturer shall assure that test engines or vehicles arrive at the test facility within 24 hours of selection: *Except*, that the Administrator may approve more time based upon a request by the manufacturer accompanied by a satisfactory justification.

(f) If an engine or vehicle cannot complete the service or mileage accumulation or emission test because of a malfunction, the manufacturer may request that the Administrator authorize the repair of that engine or vehicle or its deletion from the test sequence.

(g) Whenever a manufacturer conducts testing pursuant to a test order issued under this subpart, the manufacturer shall notify the Administrator within one working day of receipt of the test order which test facility will be used to comply with the test order. If no test cells are available at a desired facility, the manufacturer must provide alternate testing capability satisfactory to the Administrator.

(1) Heavy-duty engine manufacturers with projected sales for the United States market for that year of 30,000 or greater shall complete emission testing at their facility on a minimum of two engines per 24-hour period, including each voided test and each diesel engine smoke test.

(2) Heavy-duty engine manufacturers with projected sales for the United States market for that year of less than 30,000 shall complete emission testing at their facility on a minimum of one engine per 24-hour period, including each voided test and each diesel engine smoke test.

(3) Light-duty truck manufacturers shall complete emission testing at their facility on a minimum of four engines per 24-hour period, including each voided test.

(4) The Administrator may approve a lower daily rate of conducting emission tests based upon a request by a satisfactory justification.

(h) The manufacturer shall perform test engine or vehicle selection, shipping, preparation, service or mileage accumulation, and testing in such a

manner as to assure that the audit is performed in an expeditious manner.

(i) The manufacturer may retest any engines or vehicles tested during a Selective Enforcement Audit once a fail decision for the audit has been reached in accordance with § 86.1010–84(d) based on the first test on each engine or vehicle: *Except*, that the Administrator may approve retesting at other times based upon a request by the manufacturer accompanied by a satisfactory justification. The manufacturer may test each engine or vehicle a total of three times. The manufacturer shall test each engine or vehicle the same number of times. The manufacturer may accumulate additional service or mileage before conducting a retest, subject to the provisions of paragraph (c) of this section.

[54 FR 14560, Apr. 11, 1989, as amended at 57 FR 31922, July 17, 1992; 58 FR 16046, Mar. 24, 1993; 62 FR 47123, Sept. 5, 1997]

§ 86.1008–96 Test procedures.

Section 86.1008–96 includes text that specifies requirements that differ from § 86.1008–90. Where a paragraph in § 86.1008–90 is identical and applicable to § 86.1008–96, this is indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.1008–90.” Where a corresponding paragraph of § 86.1008–90 is not applicable, this is indicated by the statement “[Reserved].”

(a)(1)(i) For heavy-duty engines, the prescribed test procedure is the Federal Test Procedure, as described in subparts N, I, and P of this part.

(ii) During the testing of heavy-duty diesel engines, the manufacturer shall decide for each engine, prior to the start of the initial cold cycle, whether the measurement of background particulate is required for the cold and hot cycles to be valid. The manufacturer may choose to have different requirements for the cold and hot cycles. If a manufacturer chooses to require the measurement of background particulate, failure to measure background particulate shall void the test cycle regardless of the test results. If a test cycle is void, the manufacturer shall retest using the same validity requirements of the initial test.

(2) For light-duty trucks, the prescribed test procedures are the FTP as described in subparts B, C, and P of this part and the CST as described in subpart O of this part. The manufacturer may not perform the evaporative emission test procedure contained in subpart B. The Administrator may, based on advance application by a manufacturer, approve optional test procedures for use in Selective Enforcement Audit Testing.

(3) [Reserved]. For guidance see § 86.1008-90.

(4) When testing light-duty trucks the following exception to the test procedures in subpart O of this part is applicable: manufacturer need not comply with § 86.1442, since the records required therein are provided under other provisions of subpart K of this part.

(ii) In addition to the requirements of subpart O of this part the manufacturer must prepare vehicles as described in paragraphs (a)(4)(ii) (A) through (C) of this section prior to exhaust emission testing.

(A) The manufacturer must inspect the fuel system to insure the absence of any leaks of liquid or vapor to the atmosphere by applying a pressure of 14.5 ± 0.5 inches of water to the fuel system, allowing the pressure to stabilize, and isolating the fuel system from the pressure source. Pressure must not drop more than 2.0 inches of water in five minutes. If required, the manufacturer performs corrective action in accordance with this section and must report this action in accordance with § 86.1009.

(B) When performing this pressure check, the manufacturer must exercise care to neither purge nor load the evaporative system.

(C) The manufacturer may not modify the test vehicle's evaporative emission control system by component addition, deletion, or substitution.

(5) [Reserved]. For guidance see § 86.1008-90.

(6) The Administrator may select and prescribe the sequence of any CSTs. Further, the Administrator may, on the basis of a written application by a manufacturer, prescribe minor test procedure variations from those set forth in paragraphs (a) (1) and (2) of

this section for any heavy-duty engine or light-duty truck.

(b) through (i) [Reserved]. For guidance see § 86.1008-90.

[58 FR 58425, Nov. 1, 1993, as amended at 62 FR 47123, Sept. 5, 1997]

§ 86.1008-97 Test procedures.

Section 86.1008-97 includes text that specifies requirements that differ from those specified in §§ 86.1008-90 and 86.1008-96. Where a paragraph in § 86.1008-90 or § 86.1008-96 is identical and applicable to § 86.1008-97, this may be indicated by specifying the corresponding paragraph and the statement "[Reserved]. For guidance see § 86.1008-90." or "[Reserved]. For guidance see § 86.1008-96."

(a)(1) [Reserved]. For guidance see § 86.1008-96.

(2) For light-duty trucks, the prescribed test procedures are the Federal Test Procedure, as described in subpart B and/or subpart R of this part, whichever is applicable, the idle CO test procedure as described in subpart P of this part, the cold temperature CO test procedure as described in subpart C of this part, and the Certification Short Test procedure as described in subpart O of this part. Where the manufacturer conducts testing based on the requirements specified in Chapter 1 or Chapter 2 of the California Regulatory Requirements Applicable to the National Low Emission Vehicle Program (October, 1996), the prescribed test procedures are the procedures cited in the previous sentence, or substantially similar procedures, as determined by the Administrator. The California Regulatory Requirements Applicable to the National Low Emission Vehicle Program are incorporated by reference (see § 86.1). For purposes of Selective Enforcement Audit testing, the manufacturer shall not be required to perform any of the test procedures in subpart B of this part relating to evaporative emission testing, except as specified in paragraph (a)(3) of this section. The Administrator may select and prescribe the sequence of any Certification Short Tests. Further, the Administrator may, on the basis of a written application by a manufacturer, approve optional test procedures other than those in subparts B, C, P, and O of this part